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MAIL STOP: PATENT APPLICATION Commissioner for Patents P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

DATE FILED: SEPTEMBER 22, 2003

3607483 1.DOC

Express Mail No.: EV 314103207 US

Attorney Docket No.: 0492611-0513 (MIT8853)

MIT 8853

DATE FILED: SEPTEMBER 22, 2003

UTILITY PATENT APPLICATION TRANSMITTAL

(FOR NEW NONPROVISIONAL APPLICATIONS UNDER 37 C.F.R. § 1.53(B))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)	Family Name or Surname	Residence (City and State or Foreign Country)
Cohen	Richard J.	Chestnut Hill, MA
Mukkamala	Ramakrishna	Lansing, MI
Sherman	Derin A.	Cedar Rapids, IA

<u>Title of the Invention</u>: METHODS AND APPARATUS FOR DETERMINING CARDIAC OUPUT

A) <u>APPLICATION ELEMENTS</u> :	
1) Fee Transmittal Form (original a	nd duplicate submitted for fee processing)
2) Applicant Claims Small Entity Sta	atus (see 37 CFR §1.27)
a)Statement Verifying Sn	nall Entity Status
3) X Specification -Descriptive Title of the Invention -Related Applications -Background of the Invention -Brief Description of the Drawings -Description of Certain Preferred Emb -Claim(s) (10 pages) -Abstract of the Invention (1 page)	TOTAL PAGES:36
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TOTAL SHEETS:10
TOTAL PAGES:
C.F.R. § 1.63(d))-for
6.
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ce Submission (if applicable, all are
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able)
/PTO-1449

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B)

15) X Return Receipt Postcard (MPEP 503) (specifically itemized) 16) Certified Copy of Priority Document(s) (if foreign priority is claimed)						
						17) OTHER: (if applicable, specified below)
C) FOR CONTINUING APPLICA	TIONS:					
CONTINUATION	_ DIVISIONAL	CONTINUATION-IN-PART (CIP	')			
OF PRIOR APPLICATION NO: FILED: EXAMINER: GROUP/ART UNIT:						
PRIOR APPLICATION, FROM W ABOVE, IS CONSIDERED A PAR OR DIVISIONAL APPLICATION	HICH AN OATH OR DI	FIONS ONLY: THE ENTIRE DISCLOSURE OF DECLARATION IS SUPPLIED AS DETAILED URE OF THE ACCOMPANYING CONTINUATION CORPORATED BY REFERENCE.				
D.) PRIORITY CLAIM(S):		•				
4 <u>4</u>		35, United States Code, §120 of any ication(s) designating the United States of	of			
Application Number	Filing Date	e Status				
						
PCT Applications designating the U	Inited States:					
Application Number	Filing Date	e Status				
This application claims the benefit us States provisional application(s) list	•	ited States Code, §119(e) of any United				

EXPRESS MAIL NO.: EV 314103207 US DATE FILED: SEPTEMBER 22, 2003 3607483_1.DOC

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Provisional Application(s):		
60/446,385	February 10, 2003 P	ending
Application Number	Filing Date	Status
E) METHOD OF PAYMENT OF	F FILING FEES FOR THIS APPLICATION	<u>)N:</u>
X Applicant clair	ms small entity status 37 CFR §1.27	
X A check is end	closed to partially cover the filing fees.	
X_ The Commission	ioner is hereby authorized to charge addition	onal filing fees or
	ent to Deposit Account Number 03-1721.	
Basic Filing Fee (<u>LAI</u> Additional Fees:	RGE Entity)	\$750.00
Total Number o Number of Inde	f Claims in excess of 20: $(80 - 20) = 60 \times 9$ pendent Claims in excess of $3:(9 - 3) = 6 \times 9$ dent Claims ($$140$):	
Total Filing Fee:		<u>\$2,334.00</u>
F) CORRESPONDENCE ADDR		
V. Customan Dan Codo I.	24280	

X Customer Bar Code Label: __

24280 PATENT TRADEMARK OFFICE

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X Correspondence Address:

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Respectfully Submitted,

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Date: September 22, 2003

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